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Q67867 Sequence.ST25.txt
SEQUENCE LISTING

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RAMSHAW, John A.M.
WERKMEISTER, Jerome A.

<120> METHOD FOR PRODUCING, IN YEAST, A HYDROXYLATED TRIPLE HELICAL PROTEIN, AND
YEAST HOST CELLS USEFUL IN SAID METHOD

<130> Q67867

<140> 10/023,831

<141> 2001-12-21

<150> US 09/297,269

<151> 1999-04-28

<150> PO3310

<151> 1996-10-29

<150> PO4306

<151> 1996-12-19

<150> PCT/AU97/00721

<151> 1997-10-29

<160> 52

<170> PatentIn version 3.1

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<213> Yeast Endoplasmic Reticulum Retention Signal

<400> 13

His Asp Glu Leu

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<211> 5

<212> PRT

<213> Mammalian Endoplasmic Reticulum Retention Signal

Q67867 Sequence.ST25.txt

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42

<210> 16

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45

<210> 17

<211> 6

<212> DNA

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6

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5

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Q67867 Sequence.ST25.txt

Gly Leu Ala Gly Ala Pro Gly Leu Arg
1 5

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<211> 45

<212> PRT

<213> Synthetic Construct

<400> 27

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Glu Gly Gly Lys Gly Ala Ala Gly Pro Pro Gly Pro Pro
35 40 45

<210> 28

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<212> PRT

<213> Synthetic Construct

<400> 28

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<210> 29

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Gly Ala Pro Gly Ala Pro
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Q67867 Sequence.ST25.txt

<212> PRT

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ggccacctgg tggacctggt gg

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Q67867 Sequence.ST25.txt

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<212> DNA

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<210> 37

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<212> DNA

<213> Synthetic Construct

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<210> 38

<211> 9

<212> PRT

<213> Synthetic Construct

<400> 38

Gly Leu Ala Gly Ala Pro Gly Leu Arg
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Q67867 Sequence.ST25.txt

<210> 39

<211> 1572

<212> DNA

<213> Collagen Type III Alpha I Chain

<400> 39

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gggcctcgag gtaacagagg tgaaagagga tctgagggct cccagggcca cccagggcaa     720
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1572

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<212> DNA

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tccagaaggt ggtaaggggtg ctgctgggtcc accagggtcca ccagggtgggc ccggtggtaa	180
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<213> Synthetic Construct

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20 25 30	
Arg Gly Gly Ala Gly Pro Pro Gly Pro Glu Gly Gly Lys Gly Ala Ala	
35 40 45	
Gly Pro Pro Gly Pro Pro Gly Gly Pro Gly Gly Lys Gly Asp Ala Gly	
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Lys Asp Glu Leu
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<213> Endoplasmic Reticulum Retention Signal
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<400> 43
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Q67867 Sequence.ST25.txt

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<211> 144

<212> DNA

<213> Synthetic Construct

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 ggtggtccag gtggtccatc tagg 144

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<212> PRT

<213> Synthetic Construct

<400> 46

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 35 40 45

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<400> 50
gccatctag

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<211> 74

<212> PRT

<213> Synthetic Construct

<400> 51

Asp Tyr Lys Asp Asp Asp Asp Lys Glu Phe Leu Glu Pro Gly Arg
1 5 10 15

Q67867 Sequence.ST25.txt

Ser Gly Arg Ser Gly Gly Lys Gly Asp Ala Gly Ala Pro Gly Glu Arg
20 25 30

Gly Pro Pro Gly Leu Ala Gly Ala Pro Gly Leu Arg Gly Gly Ala Gly
35 40 45

Pro Pro Gly Pro Glu Gly Gly Lys Gly Ala Ala Gly Pro Pro Gly Pro
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Pro Gly Arg Ser Gly Pro Val Asp Pro Arg
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<210> 52

<211> 77

<212> PRT

<213> Synthetic Construct

<400> 52

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20 25 30

Pro Pro Gly Leu Ala Gly Ala Pro Gly Leu Arg Gly Gly Ala Gly Pro
35 40 45

Pro Gly Pro Glu Gly Gly Lys Gly Ala Ala Gly Pro Pro Gly Pro Pro
50 55 60

Gly Arg Ser Ile Asp Gly Ser Gly Pro Val Asp Pro Arg
65 70 75